

EMBRACING TECHNOLOGY FOR THE STUDENT SUCCESS

by:

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A significant factor in students' success is the use of information and communication technology (ICT) in the classroom. Most students can adjust to globalization at a young age with the use of ICT. Technology has been used more and more in education during the past three years. The epidemic, as everyone is aware, struck and drastically altered the way that education is delivered.

According to UNESCO 2023, schools use a diverse set of ICT tools to communicate, create, disseminate, store, and manage information. Through methods like switching from chalkboards to interactive digital whiteboards, utilizing students' smartphones or other devices for learning during class, and the "flipped classroom" model in which students watch lectures on the computer at home and use class time for more interactive exercises ICT has in some contexts also become essential to the teaching-learning interaction.

These methods can foster higher order thinking skills, offer unique and creative ways for students to communicate their understandings, and better equip them to deal with the constant technological change that occurs in both the workplace and society as a whole when teachers are trained in ICT and have strong digital literacy.

For the teachers, the use of ICT had a significant influence. When an teacher possesses computer literacy, students learn a great deal about the subject matter being covered. Students' interest and motivation are increased by ICT, and it can also enhance their ability to think more critically than previously thought.

To improve their use of ICT for formative learning evaluations, adapted instruction, accessing online resources, and encouraging student involvement and collaboration, teachers require specialized professional development opportunities. In addition to offering recommendations on ICT teaching and learning within each discipline, this kind of training in ICT should have a good overall effect on teachers' approaches toward ICT in the classroom. Teachers often utilize ICT for skill-based applications without this support, which restricts students' ability to think critically. It is also crucial that decision-makers, teacher educators, supervisors, and education managers receive ICT use training to support educators as they adapt instructional methods.

Improving our students' abilities, aptitudes, and knowledge is what we, as educators, strive for. We can realize those goals and unite with technology with the aid of ICT. These days, most people, and students in particular, use technology frequently, whether for communication purposes, leisure, or education. However, as we navigate the difficulties of the digital age, it is imperative to address the challenges and risks associated with ICT adoption while harnessing its potential to create a more inclusive, wealthy, and sustainable future for all.

References:

UNESCO (2023), Information and communication technology (ICT) in education
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